ELSEVIER

European Journal of Operational Research 79 (1994) 551–553

EUROPEAN JOURNAL OF OPERATIONAL RESEARCH

# Contents Volume 79

1 One machine scheduling problem with fuzzy duedates
*S. Han, H. Ishii and S. Fujii*
13 Optimal recycling of waste materials in a plastic extrusion production process
*S.P. Ladany and K.C. So*
25 A Lagrangean decomposition solution to *a single line multiproduct scheduling problem*
*R. de Matta*
38 Group scheduling jobs on a single machine: A multi-objective approach with preemptive priority structure
*S.P. Rana and N. Singh*
51 Reliability of interconnected scheduled services
*M. Carey*
73 Operationalizing approximate multiattribute utility functions for use in practice
*J.L. Corner*
85 A simple algorithm to incorporate transactions costs in quadratic optimisation
*C.J. Adcock and N. Meade*
95 A polyhedral approach to the rural postman problem
*A. Corberán and J.M. Sanchis*
115 Decision making under partial probability information
*C. Parkan*
123 Optimal and heuristic inventory replenishment models for deteriorating items with exponential time-varying demand
*M.A. Hariga and L. Benkherouf*
138 A surrogate heuristic for set covering problems
*L.A.N. Lorena and F. Belo Lopes*
151 Call for Papers – Special Issue on New Approaches in Evaluating the Performance of Financial Institutions

## Feature Issue on DSS Development

153 A comparative study in DSS development
*K.M. van Hee and J.K. Lenstra*
158 'PLATE': A decision support system for resource constrained scheduling problems
*A.T.M. Aerts, A. Jansen, L. Klieb, C. Noorlander and G. Wolf*
167 A network flow algorithm for just-in-time project scheduling
*E.V. Levner and A.S. Nemirovsky*
176 Development of a heuristic project scheduler under resource constraints
*R. Minciardi, M. Paolucci and P.P. Puliafito*
183 A decision support system for the resource constrained project scheduling problem
*E. Nowicki and C. Smutnicki*
196 MIPS: A DSS for multiobjective interactive project scheduling
*T. Ryś, R. Stanek and W. Ziembla*
208 A decomposition approach in a DSS for a resource constrained scheduling problem
*P. Serafini and M.G. Speranza*
220 DSS for multiobjective project scheduling
*R. Słowiński, B. Soniewicki and J. Węglarz*

0377-2217/94/$07.00 © 1994 Elsevier Science B.V. All rights reserved

230 On the usefulness of standard industrial classifications in comparative financial statement analysis
*R. Dahlstedt, T. Salmi, M. Luoma and A. Laakkonen*
239 Resource allocation for a stochastic CPM-type network through perturbation analysis
*Y.-w. Wan*
249 Group preference aggregation methods employed in AHP: An evaluation and an intrinsic process for deriving members' weightages
*R. Ramanathan and L.S. Ganesh*
266 A robust strategy approach to a strategic mobility problem
*G. Ulusoy and R. Uzsoy*
277 Valued preference structures
*J.C. Fodor and M. Roubens*
287 A local constraint based analysis approach to project scheduling under general resource constraints
*L. Özdamar and G. Ulusoy*
299 The Travelling Salesman Problem with pick-up and delivery
*G. Mosheiov*
311 Inspection error effects on economic selection of target value for a production process
*S.-L. Chen and K.-J. Chung*
325 On the coordination of product and by-product flows in two-level distribution networks: Model formulations and solution procedures
*J.M. Bloemhof-Ruwaard, M. Salomon and L.N. Van Wassenhove*
340 Combinatorial algorithms for some 1-facility median problems in the plane
*H.W. Hamacher and S. Nickel*
352 The $k$-neighbor, $r$-domination problems on interval graphs
*D.S. Joshi, S. Radhakrishnan and N. Chandrasekharan*
369 A quadratically convergent global algorithm for the linearly-constrained minimum cross-entropy problem
*S.C. Fang and H.S.J. Tsao*
379 Estimation of returns to scale using data envelopment analysis: A comment
*R. Färe and S. Grosskopf*

383 Flexible automation investments: A problem formulation and solution procedure
*V. Lotfi and N.C. Suresh*
405 Extended block replacement policy with used item and general random minimal repair cost
*S.-H. Sheu*
417 An analysis of shift class design problems
*A.W.J. Kolen and L.G. Kroon*
431 Design of a two-stage procedure for three-class screening
*C.T. Kim, K. Tang and M. Peters*
443 An interactive algorithm for solving multiple objective integer linear programming problems
*S.C. Narula and V. Vassilev*
451 The general multi-retailer EOQ problem with vehicle routing costs
*S. Anily*
474 Data-level parallel solution of min-cost network flow problems using $\varepsilon$-relaxations
*X. Li and S.A. Zenios*
489 Modelling a large, sparse spatial interaction matrix using data relating to a subset of possible flows
*T.C. Bailey and A.G. Munford*
501 Lagrangian relaxation based approaches to capacitated hub-and-spoke network design problem
*T. Aykin*
524 A TSSP + 1 decomposition strategy for the vehicle routing problem
*C.E. Noon, J. Mittenthal and R. Pillai*
537 Pseudoconvex optimization for a special problem of paint industry
*T. Illés, J. Mayer and T. Terlaky*
549 The job shop tardiness problem: A corrected model
*S. Wilhelm*
551 Contents Volume 79

554 Acknowledgement to Referees
559 Invited Reviews 1990–1994
561 Keyword Index Volumes 72–79
567 Author Index Volumes 72–79
582 Book Review Index Volumes 72–79